

## ABSTRACT OF THE DISCLOSURE

A money identifying method and a device which can identify money with high precision and quickly by optimally binarizing a surface image of the money. The

center coordinates and radius of subject coin C are extracted by coin shape extraction

5 section 106 from the surface image of the subject coin C obtained by area sensor 103,

and an effective threshold calculation range is extracted by threshold calculation range extraction section 107 from the extracted center coordinates and radius of the coin.

And, a density histogram is created by histogram generation section 108 on the basis of the threshold calculation range, an optimum binary threshold value is calculated from

10 the density histogram by binary threshold calculation section 109 according to a

discriminating analysis, and the optimum binary threshold value is used to binarize an image for identifying the subject coin C.